

15-039-20472-00-00

WELL PLUGGING RECORD

Give All Information Completely  
 Make Required Affidavit

COUNTY Decatur SEC. 12 TWP. 2S RGE. 30W E/W  
 Location as in quarters or footage from lines:  
C SE NW


Locate Well  
 correctly on above  
 Section Platt.

Lease Owner Monarch Energy Corporation  
 Lease Name E. Mimes #1 Well No. \_\_\_\_\_  
 Office Address Suite 403 2431 E. 51st. St. Tulsa, Okla. 74105  
 Character of Well (Completed as Oil, Gas or Dry Hole): \_\_\_\_\_  
 Date Well Completed \_\_\_\_\_  
 Application for plugging filed \_\_\_\_\_  
 Plugging commenced 6-8-82  
 Plugging completed 6-11-82  
 Reason for abandonment of well or producing formation \_\_\_\_\_

Depleted  
 Was permission obtained from the Conservation Division or it's  
 Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Carl Goodrow  
 Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom T.D. 4340'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

Casing Record

Formation	Content	From	To	Size	Put in	Pulled Out
				8-5/8"	247'	none
				4-1/2"	4040'	1500'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Plugged off bottom with sand to 3800' and ran 4 sacks cement. Shot casing @2497', 2284', 2117', 1920', 1727' and 1510'. Pulled a total of 37 joints of 4-1/2" casing. Plugged well with 2 sacks hulls, 20 sacks gel, 70 sacks cement, 30 sacks gel, 60 sacks cement, released plug and displaced with 10 sacks cement, 50/50 pos, 4% gel, 3% cc.

Plugging Complete.

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUN 21 1982  
 CONSERVATION DIVISION  
 Wichita, Kansas

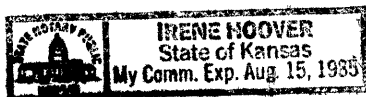
(If additional description is necessary, use BACK of this sheet)  
 Name of Plugging Contractor Kelso Casing Pulling

STATE OF Kansas COUNTY OF Rice, ss.  
R. Darrell Kelso (employee of owner) or (owner or operator) of the  
 above-described well, being first duly sworn on oath, says: That I have knowledge of the  
 facts, statements, and matters herein contained and the log of the above-described well as  
 filed and that the same are true and correct. So help me God.

(Signature) R. Darrell Kelso  
 Box 347 Chase, Ks. 67524  
 (Address)

SUBSCRIBED AND SWORN TO before me this 18th day of June, 1982

My Commission expires:



Irene Hoover  
 Notary Public.

IMPORTANT

Kans. Geo. Survey request samples on this well.

KANSAS DRILLERS LOG

S. 12 T. 2 R. 30 <sup>NE</sup> <sub>W</sub>

API No. 15 — 039 — 20,472 - 00-00  
County Number

Loc. C SE NW

County Decatur

Operator  
Monarch Energy Corp.

Address  
Suite 403, 2431 E. 51st St. Tulsa, Okla 74105

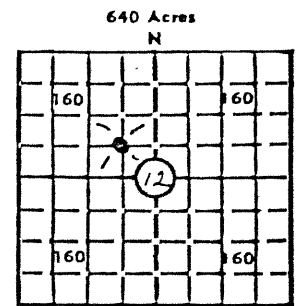
Well No. #1 Lease Name E. Mines

Footage Location -  
1980 feet from (N) ~~SW~~ line 3300 feet from (E) ~~SW~~ line NW

Principal Contractor J & C Drilling Geologist Martin K. Dubois

Spud Date: 12-9-79 Total Depth 4340 P.B.T.D. 3950

Date Completed 12-21-79 Oil Purchaser Cities Service



Locate well correctly  
Elev.: Gr. 2776

DF KB 2780

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8	24	247'	60:40 Pozmix	190	3% CaCl.
Production	7 7/8"	4 1/2	9.5 K-55 API new ERW	4040	50:50 Pozmix	200	2% gel, 18% 0.75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	JHPF	3770-72

Size	Setting depth	Packer set at
2 3/8"	3985.64	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gals. 15% MCA acid flushed with formation salt water BDP 500psi., AIR 0.25 BPM at 300 psi. ISIP 300 psi., 5min. SIP 300 psi., 15 min. SIP 250 psi.	3770-72
Retreated with 2000 gals 15% CRA-22 acid followed by 2000 gal 2% KCl overflush with 1 gal./1000 claystay and 1 gal 15 N demulsifier AIR 4BPM @ 500 psi., ISIP 350 psi., 5 min. SIP 250 psi.	

INITIAL PRODUCTION

Date of first production 2-13-80	Producing method (flowing, pumping, gas lift, etc.) pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 11.67 bbls. Gas --- MCF Water -0- bbls. Gas-oil ratio --- CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)

RECEIVED  
STATE CORPORATION COMMISSION  
JAN - 5 1982  
1-5-82  
CONSERVATION DIVISION  
Wichita Kansas

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **Monarch Energy** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. **#1** Lease Name **E. Mines** comp. oil

S 12 T 2 R 30<sup>XE</sup> W **C SE NW**

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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FORMATION TOPS

Stone Corral	2514			
Foraker	3245			
Topeka	3559			
Heebner	3723			
Lansing	3768			
Base Kansas City	3993			
Cherokee	4121			
Arbuckle	4297			
Total Depth	4337			

DRILL STEM TESTS

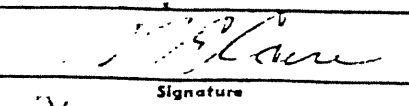
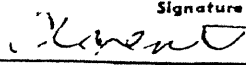
DST # 1 3726-81  
45-45-45-90  
No blow, flushed tool, no blow, weak blow in 15 minutes, increased to fair blow on first open; fair blow throughout second open. Recovered 120' gas in pipe, 50' of gassy oil, 60' of oil cut mud. Flow pressures: 43-43, 65-65 Shut in pressures: 846-868 Hydrostatic pressures: 1909-1888 Bottom hole temperature: 107 degrees F

DST # 2 3824-75  
30-30-30-30  
No blow on first open; flushed tool, still no blow on second open. Recovered 4' mud Flow Pressures: 65-65, 65-65 Shut in pressures: 65-65 Hydrostatic pressures: 1930-1909

DST #3 3872-3917  
30-30-30-30  
Weak blow that died on first open; flushed tool, no blow on second open. Recovered 8' mud Flow pressures: 76-76, 76-87 Shut in pressures: 1072-9 Hydrostatic pressures: 1993-1993

DST #4 3897-3935  
45-45-45-90  
Fair blow for 24 minutes, decreased to weak blow on first open; no blow on second open. Recovered 80' slightly gas cut mud with scum of oil on top of the tool Flow pressures: 87-87, 109-109 Shut in pressures: 218-240 Hydrostatic pressures: 2035-2014

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 Signature  Title March 14, 1980 Date
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